

AMENDMENTS TO THE CLAIMS

Claims 1 - 30 are pending in the instant application. Claims 1 – 30 stand rejected. Claims 1 - 30 are amended by this correspondence. The Applicant requests reconsideration of the claims in view of the following amendments reflected in the listing of claims.

Listing of claims:

1. (currently amended) A method for setting up devices for communication ~~on a communication network~~, the method comprising:

in a communication network comprising a headend, wherein said headend enables access to said communication network for at least a first device,

assigning, by said headend, an address to a ~~said~~ first device coupled to the said communication network;

transferring, by said headend, said assigned address to said first device; and

in response to said headend receiving ~~at least one a said transferred assigned address and~~ an identifier of said first device from said first device, communicating, by said headend, said ~~received at least one~~ or both of said transferred assigned address and ~~or~~ said identifier of said first device to at least one communication server coupled to the said communication network.

2. (currently amended) The method according to claim 1, further comprising detecting, by said headend, when said first device is initially coupled to the said communication network prior to said assigning of said address to said first device.

3. (currently amended) The method according to claim 2, wherein:
said assigned address of said first device is one of a static address, a dynamic address, and or an embedded device address; and
said identifier of said first device is one of a digital certificate and a serial number; and
~~said assigning, said transferring, said communicating and said detecting is achieved by a headend coupled to the communication network and providing access to the communication network for said first device.~~

4. (currently amended) The method according to claim 1, ~~further comprising registering~~ wherein said at least one or both of said transferred assigned address and or said identifier of said first device by is registered with said at least one communication server.

5. (currently amended) The method according to claim 1, ~~further comprising broadcasting~~ said at least one or both of said transferred assigned address and or said identifier of said first device throughout at least a portion of the said communication network by said at least one communication server.

6. (currently amended) The method according to claim 5, ~~further comprising receiving~~ said broadcasted at least one or both of said transferred assigned address and or said identifier of said first device by a second device located in said at least a portion of [[the]] said communication network.

7. (currently amended) The method according to claim 6, ~~further comprising communicating with~~ wherein said first device by communicates with

said second device utilizing said received broadcasted at least one or both of said transferred assigned address and or said identifier of said first device.

8. (currently amended) The method according to claim 1, further ~~comprising requesting wherein a second device desiring to communicate with said first device via said communication network requests said at least one or both of~~ said transferred assigned address and or said identifier of said first device from said communication server ~~by a second device desiring to communicate with said first device via the communication network.~~

9. (currently amended) The method according to claim 8, further ~~comprising wherein:~~

in response to said request, receiving said second device receives said at least one or both of said transferred assigned address and or said identifier of said first device from said communication server; and

transferring said second device transfers media between said second device and said first device utilizing said received at least one or both of said transferred assigned address and or said identifier of said first device.

10. (currently amended) The method according to claim 8, further ~~comprising requesting wherein said second device requests said at least one or both of~~ said transferred assigned address and or said identifier of said first device from said communication server ~~by a second device desiring to communicate with said first device via the communication network~~ based on a known location of said first device.

11. (currently amended) A machine-readable storage having stored thereon, a computer program having at least one code section for setting up

devices for communication ~~on a communication network~~, the at least one code section being executable by a machine for causing the machine to perform steps comprising:

in a communication network comprising a headend, wherein said headend enables access to said communication network for at least a first device,

assigning, by said headend, an address to ~~a said~~ first device coupled to the said communication network;

transferring, by said headend, said assigned address to said first device; and

in response to said headend receiving ~~at least one a said transferred assigned address and an~~ identifier of said first device from said first device, communicating, by said headend, ~~said received at least one or both of~~ said transferred assigned address and or said identifier of said first device to at least one communication server coupled to the said communication network.

12. (currently amended) The machine-readable storage according to claim 11, ~~further comprising wherein said at least one code section comprises~~ code for detecting, by said headend, when said first device is initially coupled to the said communication network prior to said assigning of said address to said first device.

13. (currently amended) The machine-readable storage according to claim 12, wherein:

said assigned address of said first device is one of a static address, a dynamic address, and or an embedded device address;

said identifier of said first device is one of a digital certificate and a serial number; and

~~said assigning, said transferring, said communicating and said detecting is achieved by a headend coupled to the communication network and providing access to the communication network for said first device.~~

14. (currently amended) The machine-readable storage according to claim 11, ~~further comprising code for registering wherein said at least one or both~~ of said transferred assigned address and/or said identifier of said first device ~~by is registered with~~ said at least one communication server.

15. (currently amended) The machine-readable storage according to claim 11, ~~further comprising wherein said at least one code section comprises~~ code for broadcasting said ~~at least one or both of~~ said transferred assigned address and/or said identifier of said first device throughout at least a portion of the said communication network by said at least one communication server.

16. (currently amended) The machine-readable storage according to claim 15, ~~further comprising wherein said at least one code section comprises~~ code for receiving said broadcasted ~~at least one or both of~~ said transferred assigned address and/or said identifier of said first device by a second device located in said at least a portion of the said communication network.

17. (currently amended) The machine-readable storage according to claim 16, ~~further comprising code for communicating with wherein~~ said first device ~~by communicates with~~ said second device utilizing said received broadcasted at least one or both of said transferred assigned address and/or said identifier of said first device.

18. (currently amended) The machine-readable storage according to claim 11, ~~further comprising code for requesting wherein a second device desiring to communicate with said first device via said communication network requests said at least one or both of said transferred assigned address and/or said identifier of said first device from said communication server by a second device desiring to communicate with said first device via the communication network.~~

19. (currently amended) The machine-readable storage according to claim 18, ~~further comprising code for wherein:~~

~~receiving in response to said request, said second device receives said at least one or both of said transferred assigned address and/or said identifier of said first device from said communication server in response to said request; and~~

~~transferring said second device transfers media between said second device and said first device utilizing said received-at least one or both of said transferred assigned address and said identifier of said first device.~~

20. (currently amended) The machine-readable storage according to claim 18, ~~further comprising code for requesting wherein said second device requests said at least one or both of said transferred assigned address and/or said identifier of said first device from said communication server by a second device desiring to communicate with said first device via the communication network based on a known location of said first device.~~

21. (currently amended) A system for setting up devices for communication ~~on a communication network~~, the system comprising:

one or more circuits for use in a headend communicatively coupled to a communication network, said one or more circuits operable to:

~~a headend that assigns~~ assign an address to a first device coupled to the communication network;

~~said headend transferring~~ transfer said assigned address to said first device; and

in response to receiving ~~at least one a said transferred assigned address~~ and an identifier of said first device from said first device, ~~said headend communicates~~ communicate ~~said received at least one~~ or both of said transferred assigned address ~~and/or~~ said identifier of said first device to at least one communication server coupled to the said communication network.

22. (currently amended) The system according to claim 21, wherein said ~~headend one or more circuits are operable to detect~~ detects when said first device is initially coupled to the said communication network prior to said assigning of said address to said first device.

23. (currently amended) The system according to claim 22, wherein:
said assigned address of said first device is one of a static address, a dynamic address, ~~and~~ or an embedded device address; and
said identifier of said first device is one of a digital certificate and a serial number.

24. (currently amended) The system according to claim 21, wherein said communication server registers said ~~at least one~~ or both of said transferred assigned address ~~and/or~~ said identifier of said first device ~~by said at least one communication server~~.

25. (currently amended) The system according to claim 21, wherein said communication server broadcasts said ~~at least one~~ or both of said transferred

assigned address and/or said identifier of said first device throughout at least a portion of the said communication network ~~by said at least one communication server.~~

26. (currently amended) The system according to claim 25, ~~further comprising wherein~~ a second device located in said at least a portion of the communication network that receives said broadcasted ~~at least one~~ or both of said transferred assigned address and/or said identifier of said first device.

27. (currently amended) The system according to claim 26, wherein said second device communicates with said first device utilizing said received broadcasted ~~at least one~~ or both of said transferred assigned address and/or said identifier of said first device.

28. (currently amended) The system according to claim 21, wherein said ~~a~~ second device requests said ~~at least one~~ or both of said transferred assigned address and/or said identifier of said first device from said communication server whenever said second device desires to communicate with said first device via the said communication network.

29. (currently amended) The system according to claim 28, ~~further comprising wherein~~, in response to said request, said second device:

receives said at least one of said transferred assigned address and said identifier of said first device from said communication server; and

transfers media between said second device and said first device utilizing said received ~~at least one~~ or both of said transferred assigned address and/or said identifier of said first device.

30. (currently amended) The system according to claim 28, wherein said second device requests said ~~at least one~~ or both of said transferred assigned address and or said identifier of said first device from said communication server ~~whenever said second device desires to communicate with said first device via the communication network~~ based on a known location of said first device.